



Muon Accelerator Program Status Report

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Introduction



- At urging of DOE, Fermilab is setting up (interim) joint organization based on NFMCC and MCTF
 - both organizations will be brought under common leadership
 - Program Director will report to Fermilab Director
- Interim co-directors have been designated
 - Steve Geer and MZ
- Charged with preparing revised proposal for DOE review and organizing the review
 - schedule is presently uncertain
 - proposal could be due as early as Thanksgiving
 - or as late as mid-December
 - review anticipated in January-February 2010 time frame

Approach

- Based on guidance, building nominal plan for \$15M per year
 - also will propose “augmented” plan at peak of ~\$18M
 - both versions lower than originally submitted plan that peaked at \$22M
- Integral increased somewhat compared with earlier plan
- Proposed profiles in \$M (subject to change) are:

	FY09	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Nominal	9	11	15	15	15	15	15	15
Augmented	—	11	15	17	18	18	18	—

Status

- Re-profiling effort and M&S to fit with new plan
 - not as easy as it sounds
 - some tasks can stretch, some can shift, and some must stay as is
 - redefined main “deliverables” to be consistent
 - collection of updated milestones from various groups ongoing
 - both for nominal and augmented scenarios

Table 1. MAP deliverables.

Deliverable	Nominal schedule	Augmented schedule
MC DFS		
Interim	end FY14	—
Final + cost range	end FY16	end FY15
MICE completion	end FY13	
RF studies (down-select)	end FY12	
IDS-NF RDR	FY14	
6D cooling definition	end FY13	
6D cooling section components	end FY16	end FY15
6D demonstration specification	end FY16	end FY15



To Do



- **Revise proposal and resubmit**
 - ideally, will have **MUTAC** review prior to submission
- **Flesh out proposed organization**
 - needed by the time of the review
 - at least deal with the structure, if not the people



Final Comment



- We (**SG** and **MZ**) appreciate the continued support from the MCTF and NFMCC during this period
 - your cooperation is making a difficult task possible

Questions??